

# Notice of Allowability

Application No.

10/009,076

Examiner

Jacob Lipman

Applicant(s)

ISHIGURO ET AL.

Art Unit

2134

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment of 25 May 2007.
2. ☒ The allowed claim(s) is/are 1,2,4-6,8-13,15-17,19-21,24-26,28,29,31 and 34-39.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☒ All b) ☐ Some\* c) ☐ None of the:
  1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
  - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

## Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

  
**KAMBIZ ZAND**  
SUPERVISORY PATENT EXAMINER

### **EXAMINER'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Lawrence E. Russ on 8 August 2007.

The application has been amended as follows: See attached amendment to claim 21.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jacob Lipman whose telephone number is 571-272-3837. The examiner can normally be reached on M-Fr.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kambiz Zand can be reached on 571-272-3811. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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KAMBIZ ZAND  
SUPERVISORY PATENT EXAMINER

21. (currently amended) An information recording medium that is readable by an information processing system and having stored therein data, said data comprising:

a plurality of node keys, the plurality of node keys being associated with a plurality of nodes whereby a given one of the plurality of node keys is associated with a particular one of the plurality of nodes, the plurality of nodes being arranged according to a hierarchical tree structure having a root node and a plurality of leaves, the plurality of leaves being associated with a plurality of leaf keys and with a plurality of devices whereby a given one of the plurality of leaves is associated with a specific one of the plurality of leaf keys and with a particular one of the plurality of devices;

an enabling key block (EKB) which is encrypted using one or more keys selected from the group consisting of the plurality of node keys and the plurality of leaf keys;

first message data that includes data in which first content is encrypted with a first content key, data in which the first content key is encrypted by a content key encryption key, and a link to a location on said information recording medium wherein data is stored in which the content key encryption key is encrypted by the enabling key block (EKB) so that when the information processing system processes the first content, the information processing system decrypts the EKB using one or more keys selected from the group consisting of the plurality of node keys and the plurality of leaf keys, decrypts the data in which the content key encryption key is encrypted using the EKB,

decrypts the data in which the first content key is encrypted using the content key encryption key, and decrypts the data in which the first content is encrypted using the first content key; and

second message data that includes data in which second content is encrypted by a second content key, data in which the second content key is encrypted by the content key encryption key, and another link to the location on said information recording medium wherein the data is stored in which the content key encryption key is encrypted by the enabling key block (EKB) so that when the information processing system processes the second content, the information processing system decrypts the EKB using one or more keys selected from the group consisting of the plurality of node keys and the plurality of leaf keys, decrypts the data in which the content key encryption key is encrypted using the EKB, decrypts the data in which the second content key is encrypted using the content key encryption key, and decrypts the data in which the second content is encrypted using the second content key.

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